

**COMBINED DECLARATION AND POWER OF ATTORNEY
FOR UTILITY PATENT APPLICATION**

Attorney's Docket No.
015290-310

As a below-named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I BELIEVE I AM THE ORIGINAL, FIRST AND SOLE INVENTOR (if only one name is listed below) OR AN ORIGINAL, FIRST AND JOINT INVENTOR (if more than one name is listed below) OF THE SUBJECT MATTER WHICH IS CLAIMED AND FOR WHICH A PATENT IS SOUGHT ON THE INVENTION ENTITLED:

GAS INJECTION SYSTEM FOR PLASMA PROCESSING

the specification of which

(check one)

is attached hereto;

☒ was filed on December 30, 1998 as

Application No. 09/223,273

and was amended on _____;
(if applicable)

I HAVE REVIEWED AND UNDERSTAND THE CONTENTS OF THE ABOVE-IDENTIFIED SPECIFICATION, INCLUDING THE CLAIMS, AS AMENDED BY ANY AMENDMENT REFERRED TO ABOVE;

I ACKNOWLEDGE THE DUTY TO DISCLOSE TO THE OFFICE ALL INFORMATION KNOWN TO ME TO BE MATERIAL TO PATENTABILITY AS DEFINED IN TITLE 37, CODE OF FEDERAL REGULATIONS, Sec. 1.56 (as amended effective March 16, 1992);

I do not know and do not believe the said invention was ever known or used in the United States of America before my or our invention thereof, or patented or described in any printed publication in any country before my or our invention thereof or more than one year prior to said application; that said invention was not in public use or on sale in the United States of America more than one year prior to said application; that said invention has not been patented or made the subject of an inventor's certificate issued before the date of said application in any country foreign to the United States of America on any application filed by me or my legal representatives or assigns more than twelve months prior to said application;

I hereby claim foreign priority benefits under Title 35, United States Code Sec. 119 and/or Sec. 365 of any foreign application(s) for patent or inventor's certificate as indicated below and have also identified below any foreign application for patent or inventor's certificate on this invention having a filing date before that of the application(s) on which priority is claimed:

4/8/99
HF

COMBINED DECLARATION AND POWER OF ATTORNEYAttorney's Docket No.
015290-310

COUNTRY/INTERNATIONAL	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			YES_ NO_
			YES_ NO_

I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:

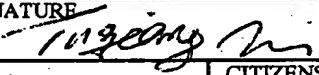
William L. Mathis	17,337	George A. Hovanec, Jr.	28,223	Peter K. Skiff	31,917
Peter H. Smolka	15,913	James A. LaBarre	28,632	Richard J. McGrath	29,195
Robert S. Swecker	19,885	E. Joseph Gess	28,510	Matthew L. Schneider	32,814
Platon N. Mandros	22,124	R. Danny Huntington	27,903	Michael G. Savage	32,596
Benton S. Duffett, Jr.	22,030	Eric H. Weisblatt	30,505	Gerald F. Swiss	30,113
Norman H. Stepno	22,716	James W. Peterson	26,057	Michael J. Ure	33,089
Ronald L. Grudziecki	24,970	Teresa Stanek Rea	30,427	Charles F. Wieland III	33,096
Frederick G. Michaud, Jr.	26,003	Robert E. Krebs	25,885	Bruce T. Wieder	33,815
Alan E. Kopecki	25,813	William C. Rowland	30,888	Todd R. Walters	34,040
Regis E. Slutter	26,999	T. Gene Dillahunty	25,423		
Samuel C. Miller, III	27,360	Patrick C. Keane	32,858		
Ralph L. Freeland, Jr.	16,110	Bruce J. Boggs, Jr.	32,344		
Robert G. Mukai	28,531	William H. Benz	25,952		

and: Jeffrey J. Brooks, Reg. No. 35,834 and Marilyn E. Glaubensklée, Reg. No. 35,521

Address all correspondence to: Peter K. Skiff
BURNS, DOANE, SWECKER & MATHIS, L.L.P.
P.O. Box 1404
Alexandria, Virginia 22313-1404

Address all telephone calls to: Peter K. Skiff at (703) 836-6620.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

FULL NAME OF SOLE OR FIRST INVENTOR	SIGNATURE	DATE
Tuqiang NI		3-30-99
RESIDENCE	CITIZENSHIP	
5415 Ontario Common, Fremont, CA 94555	China	
POST OFFICE ADDRESS		
same as above		
FULL NAME OF SECOND JOINT INVENTOR, IF ANY	SIGNATURE	DATE
Alex DEMOS		
RESIDENCE	CITIZENSHIP	
1762 Bay Street, San Francisco, CA 94123	United States	
POST OFFICE ADDRESS		
same as above		

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			YES_ NO_			
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<p>I hereby appoint the following attorneys and agent(s) to prosecute said application and to transact all business in the Patent and Trademark Office connected therewith and to file, prosecute and to transact all business in connection with international applications directed to said invention:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;"> William L. Mathis 17,337 Peter H. Smolka 15,913 Robert S. Swecker 19,885 Platon N. Mandros 22,124 Benton S. Duffett, Jr. 22,030 Norman H. Stepno 22,716 Ronald L. Grudziecki 24,970 Frederick G. Michaud, Jr. 26,003 Alan E. Kopecki 25,813 Regis E. Slutter 26,999 Samuel C. Miller, III 27,360 Ralph L. Freeland, Jr. 16,110 Robert G. Mukai 28,531 </td> <td style="width: 33%;"> George A. Hovanec, Jr. 28,223 James A. LaBarre 28,632 E. Joseph Gess 28,510 R. Danny Huntington 27,903 Eric H. Weisblatt 30,505 James W. Peterson 26,057 Teresa Stanek Rea 30,427 Robert E. Krebs 25,885 William C. Rowland 30,888 T. Gene Dillahunt 25,423 Patrick C. Keane 32,858 Bruce J. Boggs, Jr. 32,344 William H. Benz 25,952 </td> <td style="width: 33%;"> Peter K. Skiff 31,917 Richard J. McGrath 29,195 Matthew L. Schneider 32,814 Michael G. Savage 32,596 Gerald F. Swiss 30,113 Michael J. Ure 33,089 Charles F. Wieland III 33,096 Bruce T. Wieder 33,815 Todd R. Walters 34,040 </td> </tr> </table>				William L. Mathis 17,337 Peter H. Smolka 15,913 Robert S. Swecker 19,885 Platon N. Mandros 22,124 Benton S. Duffett, Jr. 22,030 Norman H. Stepno 22,716 Ronald L. Grudziecki 24,970 Frederick G. Michaud, Jr. 26,003 Alan E. Kopecki 25,813 Regis E. Slutter 26,999 Samuel C. Miller, III 27,360 Ralph L. Freeland, Jr. 16,110 Robert G. Mukai 28,531	George A. Hovanec, Jr. 28,223 James A. LaBarre 28,632 E. Joseph Gess 28,510 R. Danny Huntington 27,903 Eric H. Weisblatt 30,505 James W. Peterson 26,057 Teresa Stanek Rea 30,427 Robert E. Krebs 25,885 William C. Rowland 30,888 T. Gene Dillahunt 25,423 Patrick C. Keane 32,858 Bruce J. Boggs, Jr. 32,344 William H. Benz 25,952	Peter K. Skiff 31,917 Richard J. McGrath 29,195 Matthew L. Schneider 32,814 Michael G. Savage 32,596 Gerald F. Swiss 30,113 Michael J. Ure 33,089 Charles F. Wieland III 33,096 Bruce T. Wieder 33,815 Todd R. Walters 34,040
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and: <u>Jeffrey J. Brooks, Reg. No. 35,834 and Marilyn E. Glaubenskleee, Reg. No. 35,521</u>						
Address all correspondence to: <u>Peter K. Skiff</u> <u>BURNS, DOANE, SWECKER & MATHIS, L.L.P.</u> <u>P.O. Box 1404</u> <u>Alexandria, Virginia 22313-1404</u>						
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RESIDENCE		CITIZENSHIP				
5415 Ontario Common, Fremont, CA 94555		China				
POST OFFICE ADDRESS						
same as above						
FULL NAME OF SECOND JOINT INVENTOR, IF ANY		SIGNATURE	DATE			
Alex DEMOS		<i>Alex Demos</i>	4/6/99			
RESIDENCE		CITIZENSHIP				
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POST OFFICE ADDRESS						
same as above						